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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/833,956	04/12/2001	Catherine Lin-Hendel		3820

7590 08/24/2004  
Jean-Marc Zimmerman  
226 St. Paul Street  
Westfield, NJ 07090

EXAMINER

FISCHER, ANDREW J

ART UNIT PAPER NUMBER

3627

DATE MAILED: 08/24/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

**Application No.**

09/833,956

**Applicant(s)**

LIN-HENDEL, CATHERINE

**Examiner**

Andrew J. Fischer

**Art Unit**

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 24 May 2004.  
2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.  
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 18-37 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.  
6) ☒ Claim(s) 18-37 is/are rejected.  
7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.  
8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.  
10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)  
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.  
4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.  
5) ☐ Notice of Informal Patent Application (PTO-152)  
6) ☐ Other: \_\_\_\_\_.

## **DETAILED ACTION**

### ***Acknowledgements***

1. Applicant's amendment filed May 24, 2004 is acknowledged. Accordingly, claims 18-37 remain pending.
2. This Office Action is written in OACS. Because of this, the Examiner is unable to control formatting, paragraph numbering, font, spelling, line spacing, and/or other word processing issues. The Examiner sincerely apologies for these errors.

### ***Claim Rejections - 35 USC §112 Enablement***

3. The following is a quotation of the first paragraph of 35 U.S.C. §112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

4. Claims 18-37 are rejected under 35 U.S.C. §112, 1<sup>st</sup> paragraph, as failing to comply with the enablement requirement. The claims contains subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention. In claims 18 and 34, it impossible to search "simultaneously" since computers operate in a linear fashion. Processors can process one piece of information at a time. Although such on-line processors seem 'instantaneous' to an end user, they in fact are *not* instantaneous nor can they therefore search simultaneously. Because it is physically impossible to truly search "simultaneously," the claimed method steps can not be performed. Appropriate correction is required.

***Claim Rejections - 35 USC §112 2<sup>nd</sup> Paragraph***

5. The following is a quotation of the 2<sup>nd</sup> paragraph of 35 U.S.C. §112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

6. Claims 18-37 are rejected under 35 U.S.C. §112, 2<sup>nd</sup> paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The claims are replete with errors. Some examples follow.

a. In claim 18, the phrase “simultaneously” is indefinite. Because computers use digital circuits, it is impossible to be truly simultaneous. While searches may appear simultaneous to an end user, they are in fact *not* simultaneous because computers are linear. Appropriate corrections is required.

b. In claim 25, it is unclear if the step is ‘in addition to’ or ‘in replacement of’ the “displaying step” previously recited.

c. Claim 26 is indefinite since it conflict directly with claim 18.

d. In claim 27, it is unclear if the step is ‘in addition to’ or ‘in replacement of’ the “displaying step” previously recited.

7. The Examiner finds that because the claims are indefinite under 35 U.S.C. §112 2<sup>nd</sup> paragraph, it is impossible to properly construe claim scope at this time. See *Honeywell International Inc. v. ITC*, 68 USPQ2d 1023, 1030 (Fed. Cir. 2003) (“Because the claims are indefinite, the claims, by definition, cannot be construed.”). However, in accordance with MPEP §2173.06 and the USPTO’s policy of trying to advance prosecution by providing art rejections even though these claim are indefinite, the claims are construed and the art is applied *as much as practically possible*.

***Claim Rejections - 35 USC §102***

8. The following is a quotation of the appropriate paragraphs of 35 U.S.C. §102 that form the basis for the rejections under this section made in this Office Action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States. . . .

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

9. Claims 18-37, as understood by the Examiner, are alternatively rejected under 35 U.S.C. §102(e) as being anticipated by Peterson (U.S. 6,324,522 B1). Peterson discloses the claimed invention including purchasing items over the Internet using lists (*e.g.* purchase orders).

10. Claims 18-37, as understood by the Examiner, are rejected under 35 U.S.C. §102(b) as being clearly anticipated by Purcell (U.S. 5,940,807).

11. Claims 18-37, as understood by the Examiner, are rejected under 35 U.S.C. §102(b) as being clearly anticipated by Johnson et. al. (U.S. 6,023,683).

12. The Examiner concludes that Applicant has decided not to be her own lexicographer by indicating and defining claim limitations to have meanings other than their ordinary and accustomed meanings. To support this position, the Examiner relies on the following factual findings. First and as noted in the previous Office Action,<sup>1</sup> the Examiner has carefully reviewed the specification and prosecution history and can not locate any lexicographic definition(s).

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<sup>1</sup> See the Examiner's previous Office Action mailed February 23, 2004, Paper No. 7, Paragraph No. 13.

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Second, the Examiner finds that not only has Applicant not pointed to definitional statements in her specification or prosecution history, Applicant has also not pointed to a term or terms in a claim with which to draw in those statements.<sup>2</sup> Third, after receiving express notice in the previous Office Action of the Examiner's position that lexicography is not invoked,<sup>3</sup> Applicant has not pointed out the "supposed errors" in the Examiner's position regarding lexicography invocation in accordance with 37 C.F.R. §1.111(b) (*i.e.* Applicant has not argued lexicography is invoked). Finally and to be sure of Applicant's intent, the Examiner also notes that Applicant has declined the Examiner's express invitation<sup>4</sup> to be her own lexicographer.<sup>5</sup> Accordingly and for due process purposes, the Examiner gives notice that for the remainder of the examination process (and unless expressly noted otherwise by the Examiner), the heavy presumption in favor of the ordinary and accustomed meaning is not overcome; the claims therefore continue to be interpreted with their "broadest reasonable interpretation . . . ." *In re Morris*, 127 F.3d 1048,

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<sup>2</sup> "In order to overcome this heavy presumption in favor of the ordinary meaning of claim language, it is clear that a party wishing to use statements in the written description to confine or otherwise affect a patent's scope must, *at the very least*, point to a term or terms in the claim with which to draw in those statements. [Emphasis added.]" *Johnson Worldwide Assocs. v. Zebco Corp.*, 175 F.3d 985, 989, 50 USPQ2d 1607, 1610 (Fed. Cir. 1999).

<sup>3</sup> See again the Examiner's previous Office Action, Paper No. 7, Paragraph No. 13.

<sup>4</sup> *Id.*

<sup>5</sup> The Examiner's requirements on this matter were reasonable on at least two separate and independent grounds. First, the Examiner's requirements were simply an express request for clarification of how Applicant intend his claims to be interpreted so that lexicography (or even an *attempt* at lexicography) by Applicant was not inadvertently overlooked by the Examiner. Second, the requirements were reasonable in view of the USPTO's goals of compact prosecution, productivity with particular emphasis on reductions in both pendency and cycle time, and other goals as outlined in the USPTO's The 21<sup>st</sup> Century Strategic Plan, February 3, 2003 available at [www.uspto.gov/web/offices/com/strat21/index.htm](http://www.uspto.gov/web/offices/com/strat21/index.htm) (last accessed August 22, 2004).

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1054, 44 USPQ2d 1023, 1027 (Fed. Cir. 1997).<sup>6</sup> The Examiner now relies heavily and extensively on this interpretation.<sup>7</sup> Unless expressly noted otherwise by the Examiner, the preceding claim interpretation principles in this paragraph apply to all examined claims currently pending.

13. Under the broadest reasonable interpretation standard noted above and unless modified in this Office Action, the Examiner maintains his interpretations including the statements and/or definitions of claim limitations as noted in previous Office Action. Those previous definitions, like the definitions contained in this Office Action, are part of the administrative record and, in accordance with *In re Morris*, are provided simply as a factual source to support the Examiner's claim interpretations (and ultimately the Board of Patent Appeals and Interferences claim interpretations) during ex parte examination. Therefore, to the extent that the Examiner's interpretations are different from Applicant's interpretations, the Examiner additionally adopts the following definitions—under the broadest reasonable interpretation standard—in all his claim interpretations. Finally, the Examiner notes that the following definitions are not exhaustive in any way:

***Information*** “2 a . . . (3): FACTS, DATA . . .” Merriam-Webster's Collegiate

Dictionary, 10<sup>th</sup> Edition, Merriam-Webster Inc., Springfield, M.A., 1997.

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<sup>6</sup> See also *In re Bass*, 314 F.3d 575, 577, 65 USPQ2d 1156, 1158 (Fed. Cir. 2002) (“In examining a patent claim, the PTO must apply the broadest reasonable meaning to the claim language, taking into account any definitions presented in the specification. Words in a claim are to be given their ordinary and accustomed meaning unless the inventor chose to be his own lexicographer in the specification”) (citations omitted); *In re Etter*, 756 F.2d 852, 858, 225 USPQ 1, 5 (Fed. Cir. 1985) (en banc); and MPEP §§ 2111 and 2111.01.

<sup>7</sup> See 37 C.F.R. §1.104(c)(3) which states in part: “the examiner may rely upon admissions by applicant . . . as to *any matter* affecting patentability . . . . [Emphasis added.]”

***Simultaneous*** “1 : existing or occurring at the same time : exactly coincident” *Id.*

14. Functional recitation(s) using the word “for” or other functional terms (*e.g.* “for viewing by the user” as recited in claim 23) have been considered but given less patentable weight<sup>8</sup> because they fail to add any steps and are thereby regarded as intended use language. A recitation of the intended use of the claimed invention must result in additional steps. See *Bristol-Myers Squibb Co. v. Ben Venue Laboratories, Inc.*, 246 F.3d 1368, 1375-76, 58 USPQ2d 1508, 1513 (Fed. Cir. 2001) (Where the language in a method claim states only a purpose and intended result, the expression does not result in a manipulative difference in the steps of the claim.).

15. Additionally, the Examiner notes that “the PTO and the CCPA acknowledged product-by-process claims as an exception to the general rule requiring claims to define products in terms of structural characteristics.” *Atlantic Thermoplastics Co. v. Faytex Corp.*, 970 F.2d 834, 845, 23 USPQ2d 1481, 1490 (Fed. Cir. 1992) (hereinafter “*Atlantic Thermoplastics v. Faytex I*”). Furthermore, the Federal Circuit “acknowledges that it has in effect recognized . . . product-by-process claims as exceptional.” *Atlantic Thermoplastics v. Faytex I*, 970 F.2d at 847, 23 USPQ2d at 1491.

Because of this exceptional status, the Examiner has carefully reviewed the claims and it is the Examiner’s position that claims 18-37 *do not* contain any product-by-process limitations whether in a conventional format or otherwise. If Applicant disagrees with the Examiner, the Examiner respectfully requests Applicant in her next response to expressly point out any product-by-process claim(s) and their limitations so that they may be afforded their exceptional

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status and treated accordingly. Applicant is reminded that “even though product-by-process claims are limited by and defined by the process, determination of patentability is based on the product itself.” *In re Thorpe*, 777 F.2d 695, 697, 227 USPQ 964, 966 (Fed. Cir. 1985) (citations omitted).<sup>9</sup> Failure by Applicant in her next response to also address this issue in accordance with 37 C.F.R. §1.111(b) or to be non-responsive to this issue entirely will be considered intent by Applicant *not* to recite any product-by-process limitations. Unless expressly noted otherwise by the Examiner, the preceding discussion on product-by-process principles applies to all examined claims currently pending.

### ***Response to Arguments***

16. Applicant’s arguments with respect to the claims have been considered but are moot in view of the new grounds of rejection.

### ***Conclusion***

17. Applicant’s amendment necessitated the new grounds of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP §706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 C.F.R. §1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after

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<sup>8</sup> See *e.g. In re Gulack*, 703 F.2d 1381, 217 USPQ 401, 404 (Fed. Cir. 1983)(stating that although all limitations must be considered, not all limitations are entitled to patentable weight).

<sup>9</sup> See also MPEP §2113.

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the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 C.F.R. §1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

18. The following references are considered pertinent to Applicant's disclosure: Nambudiri et. al. (U.S. 6,640,214 B1); Treyz et. al. (U.S. 6,587,835 B1); Salvo et. al. (U.S. 6,341,271 B1); Danneels et. al. (U.S. 6,272,472 B1); Rosenweig et. al. (U.S. 6,188,991); Matsunori (U.S. 6,246,998 B1); Sone (U.S. 6,204,763 B1); Peckover (U.S. 6,119,101); Wong (U.S. 6,115,690); DiAngelo et. al. (U.S. 6,101,482); Tracy et. al. (U.S. 5,979,757); Smith (U.S. 5,884,281); Green et. al. (U.S. 5,664,110); Ruppert et. al. (U.S. 5,640,002); and Chen (U.S. 5,590,197).

19. The following two (2) citations to the Manual of Patent Examining Procedure ("MPEP") apply to this Office Action: MPEP citations to Chapters 100, 200, 500, 600, 700, 1000, 1100, 1300, 1400, 1500, 1700, 1800, 2000, 2100, 2200, 2500, 2600, and 2700 are from the MPEP 8<sup>th</sup> Edition, Rev. 2, May 2004. All remaining MPEP citations are from MPEP 8<sup>th</sup> Edition, August 2001.

20. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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21. Because this application is now final, Applicant is reminded of the USPTO's after final practice as discussed in MPEP §714.12 and §714.13 and that entry of amendments after final is *not* a matter of right. "The refusal of an examiner to enter an amendment after final rejection of claims is a matter of discretion." *In re Berger*, 279 F.3d 975, 984, 61 USPQ2d 1523, 1529 (Fed. Cir. 2002) (citations omitted). Furthermore, suggestions or examples of claim language provided by the Examiner are just that—suggestions or examples—and do not constitute a formal requirement mandated by the Examiner. Unless stated otherwise by an express indication that a claim is "allowed," exemplary claim language provided by the Examiner to overcome a particular rejection or to change claim interpretation has *not been addressed* with respect to other aspects of patentability (*e.g.* §101 patentable subject matter, §112 1<sup>st</sup> paragraph written description and enablement, §112 2<sup>nd</sup> paragraph indefiniteness, and §102 and §103 prior art). Therefore, any claim amendment submitted under 37 C.F.R. §1.116 that incorporates an Examiner suggestion or example or simply changes claim interpretation will nevertheless require further consideration and/or search and a patentability determination as noted above.

22. In accordance with the USPTO's goals of customer service, compact prosecution, and reduction of cycle time, the Examiner has made every effort to clarify his position regarding claim interpretation and any rejections or objections in this application. Furthermore, the Examiner has again provided Applicants with notice—for due process purposes—of his position regarding his factual determinations and legal conclusions. The Examiner notes and thanks Applicant for her "Remarks" (beginning on page 8) traversing the Examiner's positions on various points. If Applicant disagrees with any additional factual determination or legal

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conclusion made by the Examiner in this Office Action whether expressly stated or implied,<sup>10</sup> the Examiner respectfully reminds Applicant to properly traverse the Examiner's position(s) in accordance with 37 C.F.R. §1.111(b) in her next properly filed response. By addressing these issues now, matters where the Examiner and Applicant agree can be eliminated allowing the Examiner and Applicant to focus on areas of disagreement (if any) with the goal towards allowance in the shortest possible time. If Applicant has any questions regarding the Examiner's positions or has other questions regarding this communication or even previous communications, Applicant is strongly encouraged to contact Examiner Andrew J. Fischer whose telephone number is (703) 305-0292. If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's immediate supervisor, Robert Olszewski, can be reached at (703) 308-5183. The fax number for facsimile responses is now (703) 872-9306.



Andrew J. Fischer  
Primary Examiner  
Art Unit 3627

AJF  
August 22, 2004

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<sup>10</sup> *E.g.*, if the Examiner rejected a claim under §103 with two references, although not directly stated, it is the Examiner's implied position that the references are analogous art.